



Applicant : Thomas J. Pennello

Appl. No. : 09/805,423

Filed : March 13, 2001

For : **DIFFERENCE ENGINE  
METHOD AND APPARATUS**

Examiner : Wood, William H.

Group Art Unit: 2193



**27299**

PATENT TRADEMARK OFFICE

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

June 27, 2006

(Date)

Robert F. Gazdzinski  
Reg. No. 39,990

#### TRANSMITTAL OF PETITION

**MAIL STOP PETITION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450**

Sir:

Transmitted herewith in the above-entitled application are the following:

- (X) Amendment and Petition to Delete Erroneously Named Inventor Pursuant to 37 C.F.R. 1.48(a) (2 Pages).
- (X) Statement in Support of Petition to Delete Erroneously Named Inventor Pursuant to 37 C.F.R. 1.48(a) (2 Pages).
- (X) Declaration and Power of Attorney executed by sole inventor, Thomas J. Pennello (1 Page).
- (X) General Power of Attorney with attached Statement Under 37 CFR 3.73(b) and Name Change document for ARC International (3 Pages).
- (X) Return prepaid postcard.
- (X) A small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- (X) The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required to Deposit Account No. 501423. A duplicate copy of this sheet is enclosed.

GAZDZINSKI & ASSOCIATES

Dated: June 27, 2006 By:

Robert F. Gazdzinski  
Registration No. 39,990  
11440 West Bernardo Court, Suite 375  
San Diego, CA 92127  
Telephone No. (858) 675-1670  
Facsimile No. (858) 675-1674

MWI.002RC1

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : Thomas J. Pennello



27299

PATENT TRADEMARK OFFICE

Filed : March 13, 2001

For : **DIFFERENCE ENGINE  
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June 27, 2006

(Date)

  
Robert F. Gazdzinski  
Reg. No. 39,990

**AMENDMENT AND PETITION TO DELETE ERRONEOUSLY NAMED  
INVENTOR PURSUANT TO 37 C.F.R. 1.48(a)**

07/05/2006 TBESHAK1 00000033 501423 09805423

01 FC:1464 130.00 DA

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

On March 13, 2001, the aforementioned nonprovisional application was filed with the United States Patent and Trademark Office (“USPTO”). At that time, Thomas J. Pennello and Patrick Michael Lashley were named as inventors. Inventor Patrick Michael Lashley was erroneously named. The error occurred without deceptive intention on the part of the actual inventor. Please refer to the attached verified statement executed by Patrick Michael Lashley incorporated herein by this reference.

DAC \$  
(Pn)

App. No. : 09/805,423  
Filed : March 13, 2001

Additionally, an assignment was recorded with the USPTO on June 22, 2001, under Reel 011925, Frame 0618. In connection therewith, a General Power of Attorney executed by Assignee with attached Statement Under 37 CFR 3.73(b) is filed herewith pursuant to 37 C.F.R. 1.48(e)(4).

Finally, it is respectfully requested that Inventor Patrick Michael Lashley be deleted as the co-inventor of the above-referenced nonprovisional application, and that the true inventor, Thomas J. Pennello of Santa Cruz, CA (USA) be named as the sole inventor.

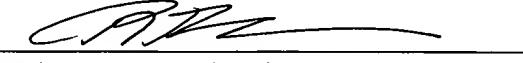
The Commissioner is hereby authorized to charge the processing fee for correction of inventorship of \$130.00 in accordance with 37 C.F.R. § 1.17(i) to Deposit Account No. 501423. A duplicate copy of this sheet is enclosed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

GAZDZINSKI & ASSOCIATES

Dated: June 27, 2006

By: 

Robert F. Gazdzinski  
Registration No. 39,990  
11440 West Bernardo Court, Suite 375  
San Diego, CA 92127  
Telephone No.: (858) 675-1670  
Facsimile No.: (858) 675-1674

MWI.002RC1

PATENT



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Thomas J. Pennello



Appl. No. : 09/805,423

27299  
PATENT TRADEMARK OFFICE

Filed : March 13, 2001

For : DIFFERENCE ENGINE  
METHOD AND APPARATUS

Examiner : Wood, William H.

Group Art Unit: 2193

**STATEMENT IN SUPPORT OF PETITION TO DELETE  
ERRONEOUSLY NAMED INVENTOR PURSUANT TO 37 C.F.R. 1.48(a)**

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I, Patrick Michael Lashley, hereby state the following:

1. On March 13, 2001, the above-referenced nonprovisional patent application was filed with the United States Patent and Trademark Office and I was erroneously named as a co-inventor.
2. The inventorship error occurred without deceptive intent on my part.
3. I am a resident of the United States of America and reside at:

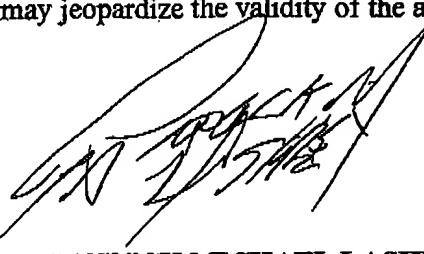
1098 Lynn  
Sunnyvale, CA 94087-1651

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these

Appl. No. : 09/805,423  
Filed : March 13, 2001

statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: 2006-05-15



PATRICK MICHAEL LASHLEY

Page 1

Attorney's Docket No. MWI.002RC1

**DECLARATION AND POWER OF ATTORNEY - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **DIFFERENCE ENGINE METHOD AND APPARATUS**; the specification of which was filed March 13, 2001 as Application No. 09/805,423;

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application(s) listed below:

**Provisional Application Serial No. 60/189,192 filed March 14, 2000.**

I hereby revoke any previous powers of attorney in the subject application, and hereby appoint the registrants of GAZDZINSKI & ASSOCIATES (Customer No. 27299), located at 11440 West Bernardo Court, Suite 375, San Diego, California 92127, Telephone (858) 675-1670, including Robert F. Gazdzinski, Registration Number 39,990; Peter Gutierrez, III, Registration Number 56,732; Brian Edmonston, Registration Number 38,864; Robert Kasody, Registration Number 50,268; and Vinay Sathe, Registration Number 55,595 as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **THOMAS J. PENNELLO**

Inventor's signature 

Date 5-15-06

Residence: **130 Van Ness, Santa Cruz, California 95060**

Citizenship: **UNITED STATES OF AMERICA**

Post Office Address: **Santa Cruz, California**



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**POWER OF ATTORNEY TO PROSECUTE  
APPLICATIONS BEFORE THE USPTO**

International hereby appoints:

Practitioner(s) named below:

Robert F. Gazdzinski

Registration No. 39,990

Vinay Sathe

Registration No. 55,595

as attorney or agent to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Assignee Name and Address:

**ARC INTERNATIONAL**

ARC House – Waterfront Business Park  
Elstree Road, Elstree, Herts  
United Kingdom, WD6 3BS

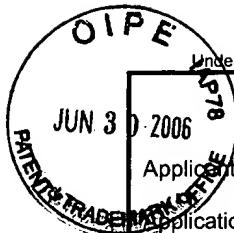
A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which the Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Name	Thomas W. Huppoc		
Signature	T. W. Huppoc	Date	16-09-04
Title	VP & General Counsel (TWH)	Telephone	603-324-0565

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**

JUN 3 2006

Applicant/Patent Owner: Thomas J. PennelloApplication No./Patent No.: 09/805,423 Filed/Issue Date: March 13, 2001Entitled: DIFFERENCE ENGINE METHOD AND APPARATUS

ARC INTERNATIONAL (formerly ARC CORES), a Delaware  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.  
 The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011925, Frame 0618, or for which a copy thereof is attached.

**OR**

B  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Robert F. Gazdzinski

Printed or Typed Name

Date

858-675-1670

Telephone Number

Attorney for Applicant

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



# THE COMPANIES ACT 1985

Company No. 3592130



The Registrar of Companies for England and Wales hereby certifies that

ARC INTERNATIONAL PLC (originally called CRIMBUY LIMITED, changed its name on 3rd August 1998 to ARC CORES LIMITED, which was changed on 20th April 2000 to ARC INTERNATIONAL PLC, each change having been made by special resolution) was incorporated under the Companies Act 1985 as a limited company on 3rd July 1998.

The Registrar further certifies that on the same 20th April 2000 the said company re-registered under the Companies Act 1985 as a public company. \*\*\*\*\*

Given at Companies House, Cardiff the 15th October 2001

*Eira Wilson*  
**EIRA WILSON**

for the Registrar of Companies



*Companies House*